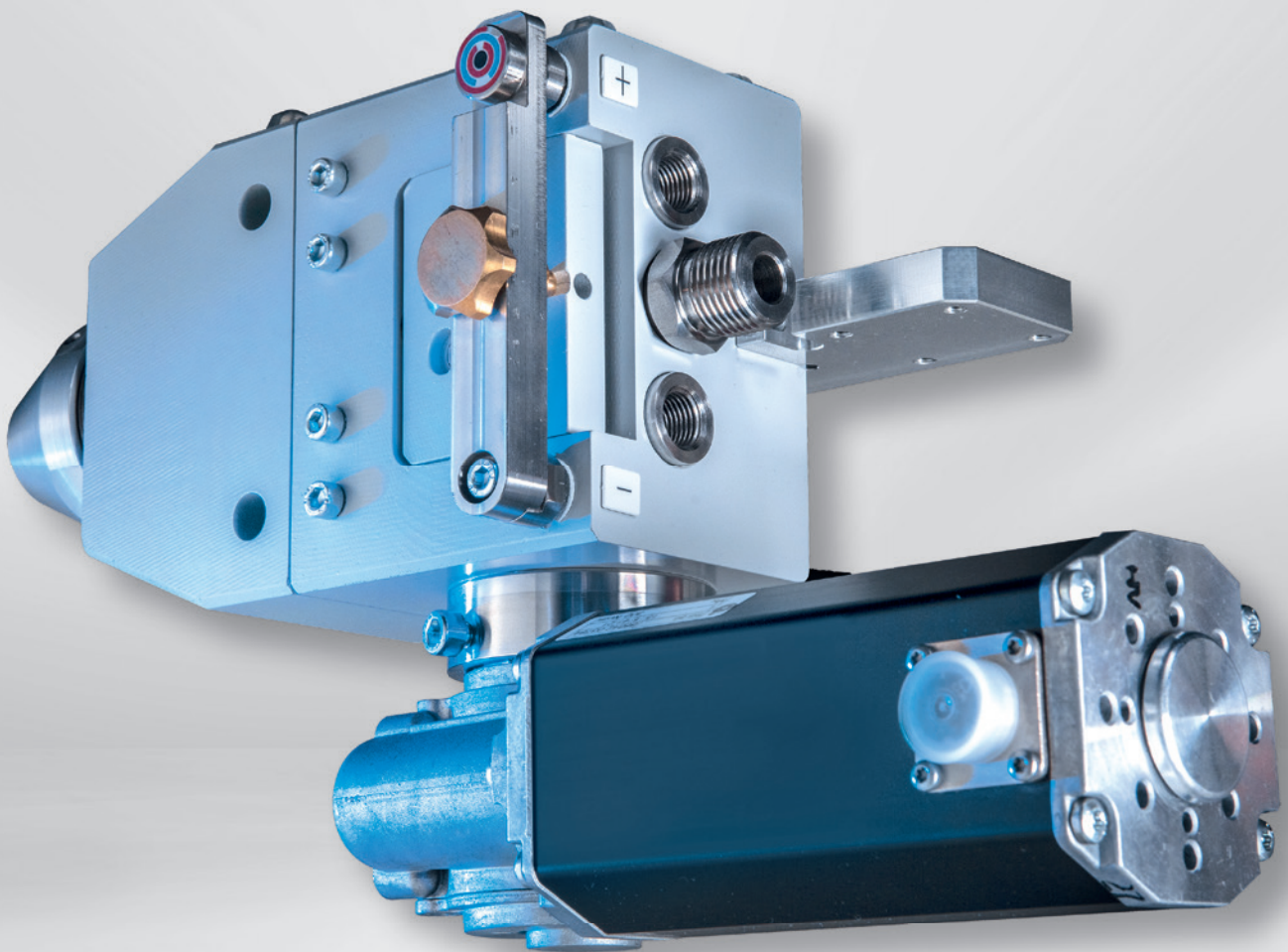


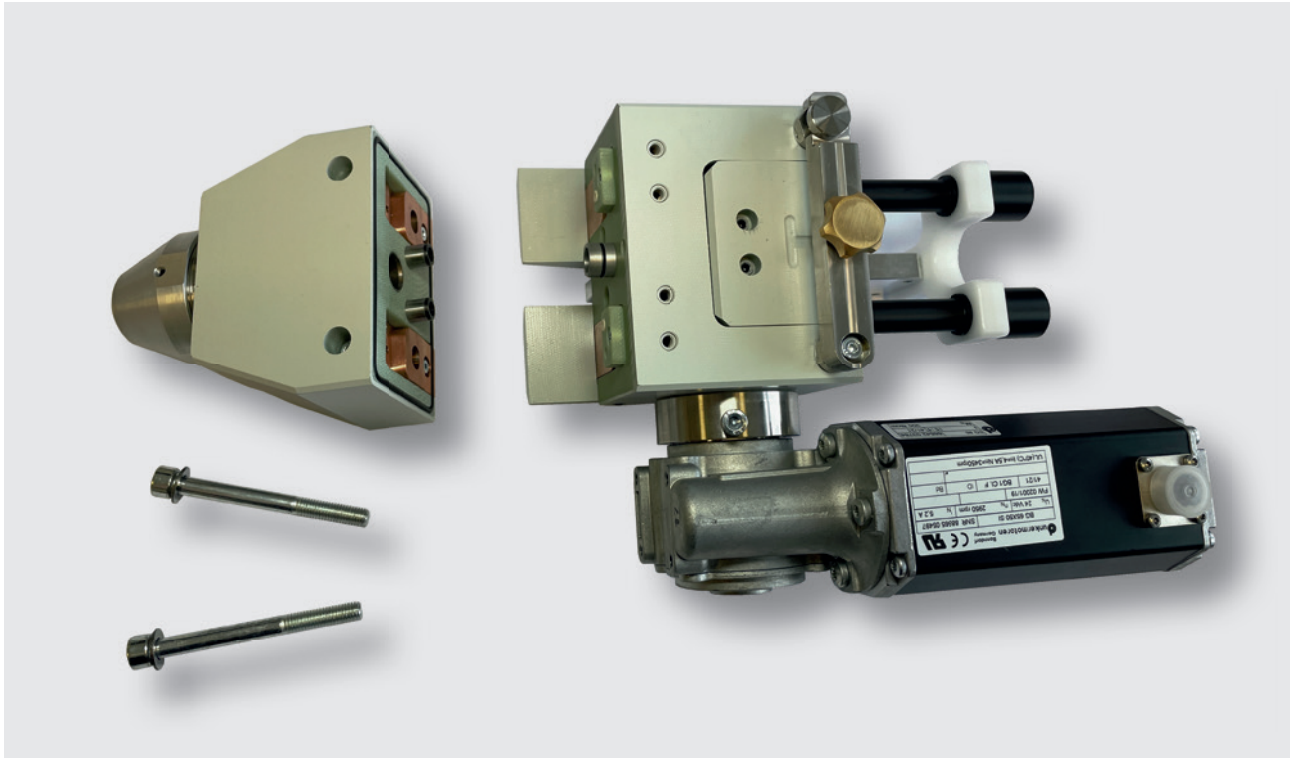
# Perfect jet 401 M-S

## Service and Maintenance



# Perfect jet 401 M-S

## Quick-change system with automatic jet nozzle orientation



### Features:

- Innovative nozzle concept for generating targeted atomizing gas jets
- Reliable, wear-resistant wire contacting concept
- Maintenance-friendly burner concept based on highly functional, ultra durable materials for all system components

### Technical data:

|                   |   |
|-------------------|---|
| Spraying voltage: | 14-60 V AC/DC                                   |
| Spraying current: | 10-600 A  |
| Wire quality:     | DIN EN ISO 14919                                |
| Wire diameter:    | 1.2 mm - 2.5 mm<br>(other diameters on request) |
| Dimensions:       | 330 x 100 x 170 mm<br>length x width x height   |
| Weight:           | 6.5 kg  |

### 150 W DC motor with integrated control system

|                                       |                     |
|---------------------------------------|---------------------|
| Supply voltage:                       | 24 VDC (20-30 VDC)  |
| Nominal current:                      | 2.8 A               |
| Temperature at installation location: | min. 5°C, max. 40°C |

### Servicing recommendation

This recommendation is intended to ensure safe operation with coats of consistently high quality.

#### Cleaning the Perfect jet 401

Depending on the coating duration and spraying parameters, the unit should be cleaned in fixed cycles.  
For example: 1x shift After each component.

#### Quick-change head

We recommend that an additional replacement head be kept in stock, so that when it is changed, the jet nozzles and the atomizing nozzle can be safely and easily replaced.

#### Replacement of the jet nozzles:

Depending on the wire material and spraying capacity

Hard wires: 6 h

Soft wires: 10 h

#### Replacement of the drive rollers:

Depending on the wire material and spraying capacity

Hard wires: 20 h

Soft wires: 35 h

#### Replacement of the ceramic atomizing nozzle:

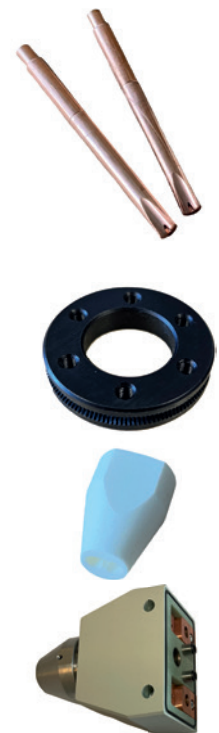
Depending on the wire material and spraying capacity

Hard wires: 75 h

Soft wires: 75 h

### Purchase order numbers of major spare and wear parts

| Jet nozzles                     | SAP number |
|---------------------------------|------------|
| Jet nozzle 1.2 mm               | 16168843   |
| Jet nozzle 1.6 mm               | 16168844   |
| Jet nozzle 2.0 mm               | 16168846   |
| Jet nozzle 2.4 mm               | 16168847   |
| <b>Wire feed rollers</b>        |            |
|                                 | SAP number |
| Wire coils 1.2 mm               | 14304569   |
| Wire coils 1.6 mm               | 15464228   |
| Wire coils 2.0 mm               | 15518704   |
| Wire coils 2.4 mm               | 15632652   |
| <b>Ceramic atomizing nozzle</b> |            |
|                                 | SAP number |
| 1.2 mm – 2.4 mm                 | 14962819   |
| <b>Change head</b>              |            |
| As standard for 1.6 mm          | 15498931   |



### General overhaul of spray head

We recommend an annual general overhaul of the spray head at our works.

We are pleased to offer this general overhaul within 2 working days for a price of 389 euros plus any spare parts used.

| Recommended annual Services                   | SAP number |          |
|---|------------|----------|
| Perfect jet 401 M – General overhaul          | 16167512   | € 389.00 |
| Calibration and servicing - Perfect Drive     | 16167583   | € 325.00 |
| Calibration and servicing - Perfect spray 401 | 16167585   | € 928.00 |

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